

Appendix J

MODEL ORDINANCE COMPLIANCE CHECKLIST

The following list of requirements is taken directly from the "MODEL ORDINANCE FOR THE DEFENSIBILITY OF SPACE AND STRUCTURES" as developed by the Office of the State Fire Marshal, Fire Engineering Division, as required by Assembly Bill 3819, Chaptered on September 27, 1994, per the following:

The bill would state the legislative finding that space and structure defensibility is essential to diligent fire prevention and would require the State Fire Marshal, in consultation with the Director of Forestry and Fire Protection, by July 1, 1996, to prepare and adopt a model ordinance that provides for comprehensive space and structure defensibility... in very high fire hazard severity zones. It would require the State Fire Marshal to transmit copies of the ordinance to appropriate local agencies and to the director....

STANDARD	MIN. PER AB 3819	NOTES
ROAD STANDARDS FOR FIRE EQUIPMENT ACCESS:		
Width	Two 9' lanes	
Surface	40,000 lb. Load	
Grades	Not to exceed 16%	
Horizontal Inside Radius	No less than 50'	
Vertical Curves	100'	
Turnarounds	Required, 40' from center	
Hammerhead/"T"	Top of "T" 60' long	
Turnouts	10' x 30'	
	25' taper each end	
Roadway Structures (Bridges)	Load and clearance per Vehicle Code Sections 35550, 35750, 35250	
Bridge Signage	Load, clearance, one-way, single lane	
One-way Roads	One 10' lane	
	Must connect to 2 lanes at each end	
	Serve no more than 10 dwellings	
	Not to exceed 2640'	
	Turnout at midpoint	
Dead-end Roads	<i>Not to exceed:</i>	
<1 acre parcels	800'	
1-4.99 acre parcels	1320'	
5-19.99 acre parcels	2640' with turnaround at 1320' interval	
20+ acre parcels	5280' with turnaround at 1320' intervals	
Driveways	10' wide, 15' vertical clearance	

<i>If >150' but <800'</i>	Turnout at midpoint	
<i>If >800'</i>	Every 400'	
<i>If >300'</i>	Turnaround w/in 50' of all building sites	
Gate Entrances	2' wider than lane	
	30' from roadway	
<i>If one-way</i>	40' turning radius	
STANDARDS FOR SIGNING STREETS, ROADS AND BUILDINGS:		
Sign Symbols	3" letter height	
	3/8" stroke	
	Reflectorized	
	Contrasting color	
Visibility	100' both directions	
Height	Uniform	
Names/Numbers	Required	
Intersections	Signs required	
Access Limit Signage	Nearest intersection or 100' before limit	
Sign Installation	Prior to acceptance	
Addresses	Required	
Address Symbols	3' letter height	
	3/8" stroke	
	Contrasting color	
Address Installation	Permanent posting required at all times	
Visibility	Both directions, even if one-way road	
	Multiple addresses on one post	
	If industrial site, post at intersection	
Hydrants and Fire Valves	Must meet minimum flow as set forth in latest UFC/UBC for new construction	
	ID per latest NFPA requirements	
FUEL MODIFICATION STANDARDS:		
Clearance (Structure)	30' on each side or to property line	
Additional Clearance	30'-100' when needed	
Trees	10' from chimney	

Dead or Dying Wood	Remove if overhangs structure	
Accumulated Vegetation	Clear roof	
Chimney and Stovepipe	Screen <1/2" holes	
Setback <i>If >1 acre</i>	30'	
<i>If <1 acre</i>	Same practical effect	
Disposal	Prior to acceptance	
Greenbelts	Locate strategically-must be approved	
INFORMATION ON PLANS AND SPECIFICATIONS:		
Vicinity Plan	No less than 1"=100'	
	300' radius showing all street widths	
	300' radius hydrant plan / min. flow	
	Location, occupancy class & use of abutting properties	
	Preliminary fuel modification plan	
Fire Protection Info for VHFHSZ (per Government Code 51178)	300' radius showing all street widths	
	300' radius hydrant plan / min. flow	
	Location, occupancy class & use of abutting properties	
	Preliminary fuel modification plan	
	Final fuel modification plan	
STRUCTURAL STANDARDS		
Eaves	1 hour fire rated	
	Fascias required, must be backed by 1 hour or 2" lumber	
Roofs	Class B or better	
Underfloor Areas	Enclosed to ground	
<i>Exception</i>	If exposed materials are 1 hour rated	
Unenclosed Accessory Structures	Non-combustible or 1 hour rated	
<i>Exception</i>	If 100' defensible space, patio roofs > 2"x4" or open lattice > 2"x2" is OK	
Underfloor Areas (Attached Structure)	If over a descending slope, enclose within 6" of ground	
Windows	Tempered or multi-layered glass	
Doors	Non-combustible or solid core > 1-3/4"	
Attic Openings	Not to exceed 144 square inches	
	Noncombustible corrosion-resistant	

	mesh < 1/4" holes	
	Not to be in soffits, eave overhangs, etc.	
	Gable/dormer vents 10' from property line	
Walls	Any habitable space must be 1 hour rated	
Underfloor Areas (Detached Structure)	If over a descending slope, enclose within 6" of ground	
MISCELLANEOUS REQUIREMENTS		
Adoption of Zone	Government Codes 51175-51178	
Description of Zone	Climatic conditions	
	Topography	
	Fuels	
	Accessibility	
	Evacuation	
Rubbish Removal	Required-all types	